

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES ADDING A THIRD SIGNAL HEAD TO THE NB US 13 APPROACH. STRUCTURE AND REPAVING THE US 13 SIGNS WITH NEW GROUND MOUNTED SIGNS. US 13 RUNS IN A NORTH -SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION IS EQUIPPED WITH A NEMA THREE PHASE FULLY-TRAFFIC-ACTUATED CONTROLLER.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
9571	25	SF	SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN
1	EA		SHIELD ASSEMBLY (SOUTH, US 13, <-) (48" x 75") POLE MOUNTED

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	* EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8001	3 EA	12 INCH (R, Y, G) LED SIGNAL HEAD SECTION
8015	21 EA	LED SIGNAL HEAD MODULES (ANY SIZE)
8017	* EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8030	8 SF	RELOCATE EXISTING SIGN
8047	25 SF	INSTALL OVERHEAD SIGN
8053	2 EA	RELOCATE EXISTING SIGNAL HEAD
8058	60 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)

C. IF THE CABINET IS TO BE REMOVED SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

* - THE QUANTITY FOR THIS ITEM IS COVERED ON SHEET ONE

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #1 ARE AS FOLLOWS:

Mr. Gene Cofelli
Assistant District Engineer - Traffic
Phone: 410-677-4040

Mr. Bruce Poole
District Utility Engineer
Phone: 410-677-4082

Mr. James Wright
Assistant District Engineer - Maintenance
Phone: 410-677-4010

Mr. Richard L. Daff Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630

PHASE CHART

	1	2	3	4	5	6	7	8
	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)	(R) (Y) (G)
PHASE 6	G	G	G	R	R	R	R	R
6 CHANGE	Y	Y	Y	R	R	R	R	R
PHASE 5	R	R	R	G	G	G	R	R
5 CHANGE	R	R	R	Y	Y	Y	R	R
PHASE 3	R	R	R	R	R	R	G	G
3 CHANGE	R	R	R	R	R	R	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R
FIREHOUSE PREEMPTION 1	G	G	G	R	R	R	R	R
FIREHOUSE PREEMPTION 1 CLEARANCE	Y	Y	Y	R	R	R	R	R
FIREHOUSE PREEMPTION 2	R	R	R	R	R	R	G	G
FIREHOUSE PREEMPTION 2 CLEARANCE	R	R	R	R	R	R	Y	Y

WIRING DIAGRAM

KEY

A-B 5 CONDUCTOR ELECTRICAL CABLE
(NO. 14 AWG)

POLE
#44039-87857

TOD NO:XX448-03
SHA NO:SO303A51/C51
US 13@ MD362/MD363/MD822

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION



US 13 AT UMES BLVD
SOMERSET COUNTY, MARYLAND

GENERAL INFORMATION SHEET

SCALE N.T.S. ADVERTISED DATE 10/26/07 CONTRACT NO. BCS 2004-02D

DESIGNED BY	JB	COUNTY	SOMERSET
DRAWN BY	XQ	LOGMILE	19001314.57
CHECKED BY	RJM	TIMS NO.	1621
F.A.P. NO.		TOD NO.	

TS NO. 3952B DRAWING 2 OF 2 SHEET NO. 6 OF 6

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS

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